

(REMAINE)

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REMAINES COMPLETE SYSTEM

Fig. 1.

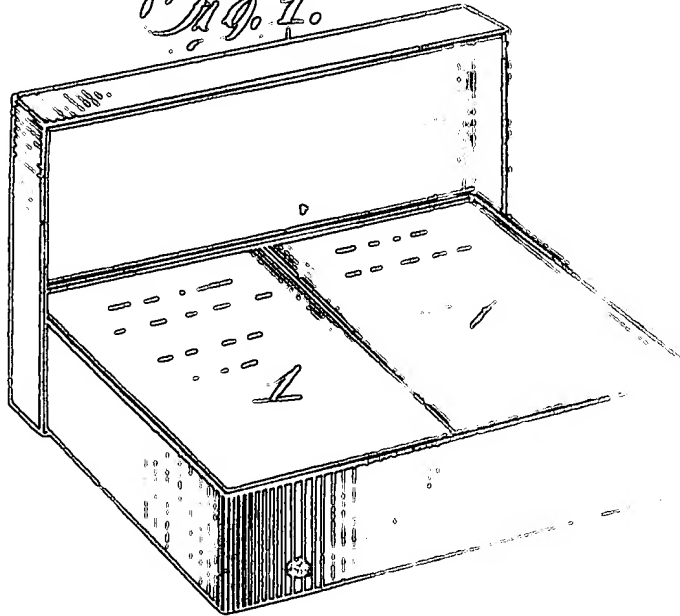


Fig. 2.

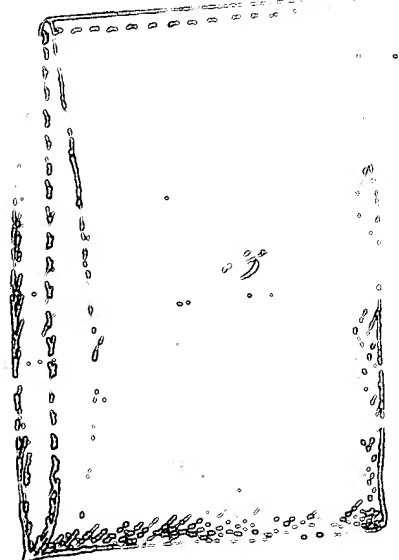
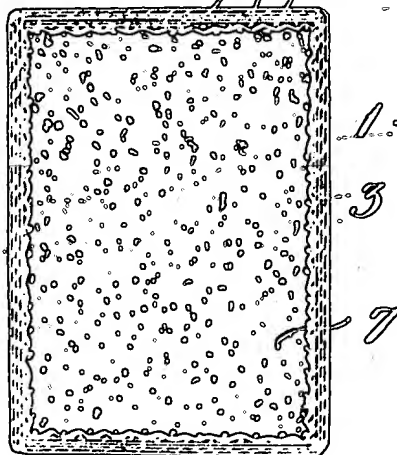


Fig. 3.



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Fig. 1.

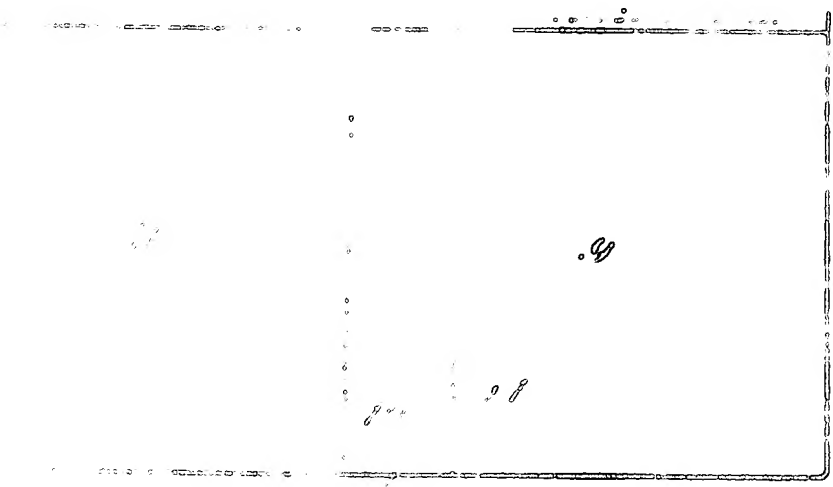


Fig. 2.

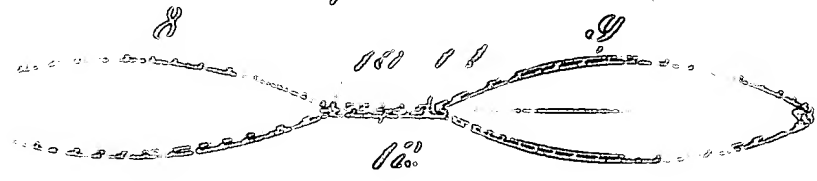
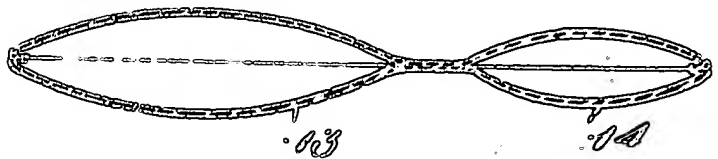


Fig. 3.



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A.D. 1904

Date of Application, 8th Nov., 1904—Accepted, 8th Dec., 1904

COMPLETE SPECIFICATION.

"Improvements in or relating to Coffee Packages"

I, WILHELM BURTON TREMAINE, Vice President of the Aeolian Weber Piano and Pianola Company, of No. 302 Fifth Avenue, City of New York, in the County and State of New York, United States of America, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to coffee packages, and the object thereof is to provide a package containing a measured quantity or measured quantities of coffee ready for use, the coffee being contained in a pervious and closed bag or bags in a suitable wrapper so that when the wrapper is removed, the bag or so portion thereof, with its measured contents can be introduced directly into a coffee-pot for the preparation of a predetermined measure of a coffee beverage free from grounds.

A further object of the invention is to provide the package with a bag formed of a plurality of separable divisions, each division containing a measured amount of coffee to enable the preparation of a greater or less amount of the beverage as occasion requires; at the same time constructing the bag in such a manner that when the divisions are separated, the coffee contained in each division will not be exposed to the air.

A further object of the invention is to provide a coffee-package which shall be inexpensive, simple, strong and convenient in its use, and with the foregoing and other objects in view, the invention consists of the novel arrangement of parts hereinafter more specifically described and illustrated in the accompanying drawings, which form a part of this specification, and wherein I have shown the preferred embodiment of my invention, but it is to be understood that I may make such changes, variations and modifications therein as come properly within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views;

Figure 1 illustrates a plurality of coffee-packages constructed in accordance with this invention packed in a suitable receptacle.

Figure 2 is a sectional elevation of a coffee-package constructed in accordance with this invention.

Figure 3 is a perspective view of the form of coffee-bag shown in Figure 2.

Figure 4 is a top plan view of a divisional coffee-bag constructed in accordance with this invention.

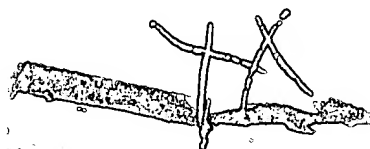
Figure 5 is a longitudinal sectional view thereof; and,

Figure 6 is a longitudinal sectional view of a modified form of the divisional coffee-bag.

Referring to Figure 1 of the drawings, the reference character 1 denotes a plurality of coffee-packages constructed in accordance with this invention and packed in an outer receptacle 2. If desired, the outer receptacle 2 can be dispensed with, but as coffee is usually sold by weight, it has been found advantageous to pack a plurality of packages in a receptacle, the plurality of packages aggregating a certain weight, and when placed into the receptacle 2, the

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*Francine's Improvements in or relating to coffee*

receptacle is marked to indicate the weight of coffee it contains, as the quantity of coffee generally used for family purposes at one sitting is below a half-pound and as the coffee-bags are small packages, it is evident that the small packages in the outer receptacle. By providing the small packages, it affords a convenient way of having

A coffee package constructed in accordance with the invention, as shown in Figures 2 and 3, a permanently closed coffee-bag of a pervious or porous fabric of any suitable character, employed for the bag 2 and which is preferably in the form of a substantially stiff material, for example pasteboard or the like, said bag 2, is a cover of any suitable material acting as a wrapper for the package substantially air-tight. Preferably this wrapper upon this medium is pasted, or otherwise secured, so that the contents of the package, as well as the directions thereon, may be seen. If desired, the wrapper 4 may be dispensed with and the bag 2 inclose the bag, and also if desired, the separate label 5 and the air-tight medium is printed or otherwise provided with to indicate the contents of the package, as well as the directions contents. The air-tight medium is also provided with a label 4 so constructed that when it is closed, it will be visible through the wrapper. Preferably the wrapper 4, air-tight medium and label are employed. The bag 2 is of greater length than the bag 1, the bag is removed from the box, it can be spread, the thickness of the mass of coffee which will maintain the water through the bag when the beverage is brewed within the bag 2 is indicated by the reference character 7, thereof is a measured one, so that when the package is opened with its contents introduced directly into a coffee-pot, the quantity of the coffee beverage will be prepared for from the quantity of coffee in the bag is for making six cups, the directions indicate that the bag is to be placed into a quart of water, if for twelve cups, the directions would indicate that the bag is to be placed in half gallon of water. The directions just set forth are by way of example, and therefore, the measured contents of the bag 2 determined amount of coffee is not limited to any of the examples shown.

In Figures 4 and 5 of the drawings, a modified construction of coffee-bag is shown, and which is constructed of any suitable material, bag is divided into a plurality of separable and permanently-closed divisions, as indicated by the reference characters 8 and 9. Only two separable divisions are shown, it is evident that the number of the separable divisions can be increased if occasion so requires. Each pair of the divisions is closed at one end through the medium of the rows of stitching 10, 11 respectively, the rows of stitching being a suitable distance apart so as to form the bag with a flattened portion between each pair of divisions and said flattened portion can be cut by a suitable instrument so as to separate the divisions, but owing to the arrangement of the rows of stitches 10, 11, the divisions when separated will not be exposed, thereby preventing exposure of the coffee contained in each division to the air. The bag, as shown in Figures 4 and 5 has each of its divisions of a size as to contain the same quantity of coffee, but it is to be understood that the divisions may be of varying sizes so as to contain different quantities of coffee, for example, as shown in Figure 6, in which the reference character 12 indicates a division adapted to contain the larger quantity of coffee, and the reference

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**အမှတ်**

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

အိမ်ထောင်ရေးနှင့် ကလေးများ၏ စိတ်ပိုင်းဆိုင်ရာ အကျိုးသက်ရောက်မှုကို လေ့လာခဲ့ပြီး နှစ်စဉ် ပြုလုပ်နေကြောင်း သိရသည်။

၂၀၁၈-၁၉ ခုနှစ်တွင် မြန်မာနိုင်ငံတော်ရှိ အမျိုးသမီးများ၏ အိမ်ထောင်ရေးနှင့် ကလေးများ၏ စိတ်ပိုင်းဆိုင်ရာ အကျိုးသက်ရောက်မှုကို လေ့လာခဲ့ပြီး နှစ်စဉ် ပြုလုပ်နေကြောင်း သိရသည်။

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5b bag formed with a plurality of separable and permanently-closed divisions

*Tronchin's Improvements in or relating to Coffee Packages.*

spaced apart by a flattened portion adapted to be severed for separating the divisions, each of said divisions containing a measured amount of coffee ready for use for preparing a predetermined quantity of coffee beverage from grounds, combined with a removable and air-tight inclosure for said bag substantially as set forth.

9. As a new article of manufacture, a coffee-package consisting of a plurality of permanently-closed and porous bags, each containing a measured amount of coffee ready for use for preparing a predetermined quantity of coffee beverage, a removable air-tight inclosure for each of said bags, and a receptacle for said inclosed bags, substantially as set forth.

10. As a new article of manufacture, a coffee-package embodying a removable air-tight inclosure, and a permanently-closed and flexible bag of porous material within said inclosure and containing a measured amount of coffee ready for use for preparing a predetermined quantity of coffee beverage from grounds, said bag of greater length than said inclosure, substantially as set forth.

11. As a new article of manufacture, a package embodying a removable air-tight inclosure, and a permanently-closed and flexible bag of porous material with a plurality of separable and permanently-closed divisions, each containing a measured amount of coffee ready for use for preparing a predetermined quantity of coffee beverage from grounds, said bag of greater length than said inclosure, substantially as set forth.

12. A coffee package made-up and arranged substantially as hereinafter described with reference to the accompanying drawings for the purpose as set forth.

Dated this 5th day of November 1904.

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Agent for the Applicant.